

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended) A storage device system comprising:
a plurality of storage devices in which information is stored;
a storage device control section for controlling storage of information in said plurality of storage devices;

a connection unit connected to said storage device control section; and
~~a first communication control section including:~~
a first processor that is connected to said ~~storage device control section via said connection unit and also connected on a first local area network (LAN)~~ external to said storage device system, that converts ~~information data of a file access first form received over said first external network LAN into information data of a second block access form, and that issues a request for access to said plurality of storage devices; and~~
a second processor that is connected to said storage device control section via said connection unit, that accesses said plurality of storage devices via said connection unit and said storage device control section in response to the data of the block access form access request issued from said first processor, and that controls activation of said first processor.
2. (currently amended) A storage device system according to Claim 419, further comprising:

a second communication control section connected on a second network external to said storage device system, wherein:

wherein said first communication control section is formed with the same circuit board as said second communication control section is.

3. (currently amended) A storage device system according to Claim

1, wherein: said first processor diagnoses the hardware thereof;

wherein said second processor issues a request for start of hardware diagnosis of said first processor to said first processor.

4. (currently amended) A storage device system according to Claim

3, further comprising:

a management terminal connected to each of said first and second processors, communication control section and said second communication control section, wherein:

wherein said second processor issues a request for start of first processing to said first processor; and

wherein said first processor acquires first software from said management terminal in response to the first processing start request issued from said second processor.

5. (original) A storage device system according to Claim 4,

wherein said first processor acquires second software from said management terminal under the control of the first software acquired from said management terminal, and writes the second software in said plurality of

storage devices via said connection unit and said storage device control section.

6. (currently amended) A storage device system according to Claim 5, wherein: said second processor issues a request for start of second processing to said first processor;

wherein said first processor acquires the second software written in said plurality of storage devices via said connection unit and said storage device control section in response to the second processing start request issued from said second processor.

7. (original) A storage device system according to Claim 4, wherein both the first processing start request and second processing start request contain time instant information.

8. (currently amended) A storage device system according to Claim 419, wherein: said first communication control section includes a storage device in which third software is stored;

wherein said first processor activates the third software so as to activate said first communication control section, and waits for a request issued from said second processor.

9. (currently amended) A storage device system according to Claim 8, further comprising:

a second communication control section that is connected on a second network external to said storage device system, wherein:

wherein said first communication control section is formed with the same circuit board as said second communication control section is.

10. (currently amended) A storage device system according to Claim 9, wherein: said first processor diagnoses the hardware thereof; and

wherein said second processor issues a request for start of hardware diagnosis of said first processor to said first processor.

11. (currently amended) A storage device system according to Claim 10, further comprising:

a management terminal connected to each of said first communication control section and said second communication control section, wherein:

wherein said second processor issues a request for start of first processing to said first processor; and

wherein said first processor acquires first software from said management terminal in response to the first processing start request issued from said second processor.

12. (original) A storage device system according to Claim 11, wherein said first processor acquires second software from said management terminal under the control of the first software acquired from said management terminal, and writes the second software in said plurality of

storage devices via said connection unit and said storage device control section.

13. (currently amended) A storage device system according to Claim 12, wherein: said second processor issues a request for start of second processing to said first processor; and
wherein said first processor acquires the second software written in said plurality of storage devices via said connection unit and said storage device control section in response to the second processing start request issued from said second processor.

14. (original) A storage device system according to Claim 11, wherein both said first processing start request and said second processing start request contain time instant information.

15. (currently amended) A method of activating a storage device system that comprises a plurality of storage devices in which information is stored, a storage device control section which controls storage of information in said plurality of storage devices, a connection unit connected to said storage device control section, ~~and a first communication control section connected to said storage device control section via said connection unit and also connected on a first network external to said storage device system,~~
wherein: a first processor that is connected to a local area network (LAN) external to said storage device system and that converts information data of a first file access form received over said first external network ~~LAN~~ into

~~information data of a block access second form, and issues a request for access to said plurality of storage devices has the activation thereof controlled by a second processor~~ a second processor that is connected to said storage device control section via said connection unit, and that accesses said plurality of storage devices via said connection unit and said storage device control section in response to the access request data of the block access form issued from said first processor; said method comprising the steps of:
controlling, by said second processor, activation of said first processor;
issuing, by said second processor, issues a request for start of hardware diagnosis of said first processor to said first processor; and
performing, by said first processor, performs hardware diagnosis in response to the hardware diagnosis start request issued from said second processor.

16. (currently amended) ~~A storage device system activation method according to Claim 15, wherein: said storage device system includes a management terminal connected to each of said first communication control section and said second communication control section;~~ said method further comprising the steps of:

issuing, by said second processor, issues a request for start of first processing to said first processor; and

acquiring, by said first processor, acquires first software from said a management terminal in response to the first processing start request issued from said second processor.

17. (currently amended) ~~A storage device system activation method according to Claim 16, wherein~~ further comprising the steps of:

acquiring, by said first processor, ~~acquires~~ second software from said management terminal under the control of the first software acquired from said management terminal, and writes ~~writing~~ the second software in said plurality of storage devices via said connection unit and said storage device control section.

18. (currently amended) ~~A storage device system activation method according to Claim 17, wherein~~ further comprising the steps of:

issuing, by said second processor, ~~issues~~ a request for start of second processing to said first processor; and

acquiring, by said first processor, ~~acquires~~ the second software written in said plurality of storage devices via said connection unit and said storage device control section in response to the second processing start request issued from said second processor.

19. (new) A storage device according to claim 1, wherein said first and said second processors form part of a first communication control section.